

9707 17<sup>th</sup> Ave NE  
Seattle, WA 98115

# Amanda Loh

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## Education

UNIVERSITY OF WASHINGTON, Seattle WA

***Bachelor of Science in Electrical Engineering  
and Bachelor of Science in Computer Science***

Expected Graduation Date: Spring 2017

GPA: 3.80

Honors: Annual Dean's List 2012-2013 and 2013-  
2014, Dean's List Winter 2015 and Spring 2015

Scholarships: Emerging Leaders Scholarship for  
2015-16 and Engineering Learning Community  
Scholarship for 2015-16

## Engineering Experience

- Designed a robotic tank in Spring 2015 that is remote control as well can move autonomously: was the leader of the project by contributing most of the design elements in a team of two other EE students at the University of Washington using C, FreeRTOS, and ARM LM328962 microprocessor on a Stellaris board
- Built a medium sized software design project that finds the shortest path between two buildings at the University of Washington in Java January to March 2015
- Became certified in CAD CATIA basic training at Tesla Motors (4 day training course)
- Have conducted research at the UW BioRobotics Laboratory in 2013- 2014: led a team for an independent project that involves using PneuFlex actuators to create a grasping mechanism

## Work Experience:

TESLA MOTORS Palo Alto, CA

***Body Controls Firmware Intern***

June 2015-Present

TESLA MOTORS Palo Alto, CA

***Battery Technology Intern***

September 2014-December 2014

- Produced the electrical and mechanical design for several battery-related test fixtures
- In a three month period, drove a sketch of a prototype through design software, test, and manufacturing to create a completed product
- Soldered through hole and surface mount parts for analog self-designed circuits
- Researched chemical battery structure in order to explore better battery options for electric vehicles

UW CSE TECH SUPPORT, Seattle, WA

***Lab Assistant***

June 2014-September 2014

- Answered CSE helpdesk questions and provide technical support to CSE dept. Faculty, Staff and Students.
- Daily tasks involved deploying Windows PCs, printer maintenance, managing loaner equipment, troubleshooting minor software, hardware, and networking problems.

ARC DANCE COMPANY, Seattle, WA

***Freelance Company Dancer***

June 2011-December 2013

- Self-taught choreography through videos and able to replicate choreography shortly afterwards
- Learned to become versatile through learning different styles of dance in a short period of time

## Leadership

UNIVERSITY OF WASHINGTON Seattle, WA

***Corporate Relations Leader for Society of Women Engineers***

June 2015-Present

***Career Fair Event Planner for Society of Women Engineers***

June 2014- June 2015